

QUALITY ASSURANCE PROVISIONS

NSN: 1560-01-105-5774

P/N: (78286) 70500-02155-041

NOMEN: DETAILS AND SUB ASSY'S TROOP AND GUNNER SEAT

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number **(78286) 70500-02155-041 REV "L"** or latest revision and all details, assemblies, and specifications referenced therein.

I. Quality/Inspection Requirements

- A. MIL-I-45208 or ISO 9000 equivalent applies:
- B. First Article Testing applies:
- C. Mandatory Inspection applies:
- D. Production Lot Testing Applies

II. Supplemental Requirements

A. Additionally, para. 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q-9858 or ISO 9000 equivalent apply.

B. The contractor shall identify on the process/operation sheets all manufacturing Sources performing processes/operations outside of their facilities. These sheets shall not be revised or altered after the successful completion of First Article and/or Production Lot Testing without approval from the Engineering Support Activity (ESA), via the PCO.

C. The Inspection Method Sheets, which list the characteristics of each item, produced under the contract shall have serial number traceability to the raw material, casting, or forging. In addition, the contractor is responsible for providing completed inspection method sheets showing the actual dimensions taken

D. Markings should be in accordance with MIL-STD-130 Rev. "L" or latest revision. Method and location shall be in accordance with the drawing.

III. Mandatory Inspection Requirements

During production, mandatory inspection is required to be accomplished by the contractor, as follows:

A. Level of Inspection (LOI):

- 1) Critical Characteristics: 100% inspection shall apply.
- 2) Major and Minor Characteristics - LOI shall be in accordance with a sampling plan acceptable to the QAR.

B. Critical Characteristics:

DRAWING : (78286) 70500-02155-041 REV "L"

NONE

Critical Characteristics:

(Shall be defined as below, unless defined by the Prime Contractor (78286))

Diametrical and liner dimensions having a total tolerance of 0.001 or less.

Surface finishes having a 16 value or less.

Any geometric feature control requirement with a total tolerance range of 0.002 or less.

Angular tolerances with a total range less than (1) one degree.

Threads specified to class (3) three or greater.

C. Major and Minor Characteristics:

1) Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

IV. Unless expressly provided for elsewhere in this Clause, equipment such as **fixtures, jigs, dies, patterns, templates, Mylar's, special tooling, test equipment, or any other manufacturing aids** required for the manufacture and/or testing of the subject items will not be provided by the Government and is the sole responsibility of the of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing

FIRST ARTICLE TESTS REQUIRED (Government Testing)

I. First Article Inspection/Test Criteria:

The tests to be performed under the First Article approval clause of the contract are:

- A. Dimensional Check 100 % of finished part
- B. Form / Fit
- C. Compliance with drawing(78286) 70500-02155-041 *REV "L"* and all details, assemblies, specifications referenced therein.
- D. Review documentation as provided under DD 1423 requirements

In lieu of destroying a FAT/PLT sample to verify metallurgical make-up and carburizing depth, a test coupon may be provided along with the FAT/PLT test piece. This test coupon will be of the same material and will have been subjected to the same processes as the FAT/PLT sample (s). Certification statements for these processes will be provided with the test coupons.

In addition to the above tests, the First Articles to be delivered hereunder shall also be subjected to those tests that will demonstrate that the articles comply with contract requirements.

The contractor shall be responsible for providing necessary parts and repair of the First Article (s) during testing.

The contractor shall be responsible for providing necessary parts and repair of the First Article Sample (s) during testing.

II. Special Instructions:

Sample (s) may be considered as production items under the contract provided the sample(s) can be refurbished to ready for issue (RFI) condition and provided the sample(s) have inspection approval of the cognizant QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.

Notification of Shipment of Material For Government Testing:

A. Fourteen (14) days prior to shipment of First Article Sample (s) the contractor shall notify the designated test facility, in writing of the anticipated shipping date, with an information copy to the PCO, ACO, and QAR. The contractor shall also arrange for preliminary inspection of test samples by the CAO/QAR.

B. Upon shipment of First Article Samples, two (2) copies of the Material Inspection and Receiving report (DD form 250), bearing the QAR's signature and indication of preliminary inspection, shall be forwarded to the PCO / ACO and the designated test facility. The envelopes shall be clearly marked, "DO NOT OPEN IN MAILROOM".

FIRST ARTICLE APPROVAL (GOVERNMENT TESTING)

A. The contractor shall deliver two (2) units of lot / item 001(one test sample shall not have any surface treatments to verify dimensions) within 180 calendar days from the date of this contract to the government designated facility listed below.

NAVAL AIR DEPOT
FIRST ARTICLE TEST-STA. 31B
ATTN: CODE 3.3.2 (252) 464-7748
BLDG 154B CLEVELAND DR.
MCAS CHERRY POINT, NC 28533

Marking of test sample (s) shipping container:

“FOR FIRST ARTICLE TESTING. NOT FOR RFI, DO NOT TAKE UP IN STOCK”. CONTRACT NUMBER:

For First Article Test, the shipping documentation shall contain this contract number and the lot/item identification. The characteristics that the First Article must meet and the testing requirements that are specified elsewhere in this contract.

B. If the First Article is disapproved, the contractor, upon Government request, shall submit an additional First Article for testing. After each request, the contractor shall make any necessary changes, modification, or repairs to the First Article or select another First Article for testing. All costs related to these tests are to be borne by the contractor, including any and all costs for additional tests following disapproval. The contractor shall furnish any additional First Article to the Government under the terms and conditions and within the time specified by the Government.

The government shall act on this First Article within the time limit specified. The government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule or for any additional costs to the Government related to these tests.

C. If the contractor fails to deliver any First Article on time, or the contracting officer disapproves any First Article, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract.

D. Unless otherwise provided in the contract, and if the approved First Article is not consumed or destroyed in testing, the contractor-

1) May deliver the approved First Article as part of the contract quantity if it meets all contract requirements for acceptance.

2) Shall remove and dispose of any First Article from the government test facility at the contractor expense.

E. If the Government does not act within the time specified the contracting officer shall, upon timely written request from the contractor, equitably adjust under the change clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

F. Before First Article approval, the acquisition of materials or components for, or the commencement of production of, the balance of the contract quantity is at the sole risk of the contractor. Before First Article approval, the costs thereof shall not be allocable to this contract for 1) progress payments, or 2) termination settlements if the contract is terminated for the convenience of the Government.

G. The contractor shall produce both the First Article and the production quantity at the same facility and shall submit a certification to this effect with each First Article.

H. The contractor shall provide specific written notification to the procuring contracting officer informing him/her of the shipment of any articles furnished in accordance with this clause. Such notification must be addressed to the attention of the ACO with copies to the testing activity. Failure to provide such notification shall excuse the government from any delay in performing First Article Testing and informing the contractor of the results thereof.

CONTRACT DATA REQUIREMENTS LIST						Form Approved OMB No. 0704-0188	
<p>The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>							
A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY TDP _____ TM _____ OTHER <u>Engineering</u>			
D. SYSTEM/ITEM 1560-01-105-5774		E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. 0001	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORTS			3. SUBTITLE COMPLETED PROCESS/OPERATION SHEETS			17. PRICE GROUP
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T1			5. CONTRACT REFERENCE		6. REQUIRING OFFICE DISC RICHMOND		18. ESTIMATED TOTAL PRICE
7. DD250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQUIRED	12. DATE OF FIRST SUBMISSION SEE BLOCK 16**		14. DISTRIBUTION		
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16**		Draft	Final Reg Repro	
16. REMARKS PARA. 10.1, 10.2, 10.2.1, 10.2.4, 10.5 APPLY * UPON SUBMISSION OF FIRST ARTICLE TEST AND/OR PRODUCTION LOT SAMPLES ** IF THE PROCESS/OPERATION CHANGE AFTER APPROVAL IF F.A.T. AND/OR PRODUCTION LOT APPROVAL					DCMC/ACO/QAR	*	1/0
					NADEPCHRPT BLDG 159B	* *	1/0
					15. TOTAL		2/0
1. DATA ITEM NO. 0002	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT			3. SUBTITLE COMPLETED INSPECTION METHOD SHEETS			17. PRICE GROUP
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T2			5. CONTRACT REFERENCE		6. REQUIRING OFFICE DISC RICHMOND		18. ESTIMATED TOTAL PRICE
7. DD 250 REQ LT	9. DEST STATEMENT REQUIRED	10. FREQUENCY AS REQUIRED	12. DATE OF FIRST SUBMISSION SEE BLOCK 16 *		14. DISTRIBUTION		
8. ADP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16 **		a. ADDRESSEE	b. COPIES Draft Final Reg Repro	
16. REMARKS PARA. 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4, 10.5 APPLY * UPON SUBMISSION OF FIRST ARTICLE TEST AND/OR PRODUCTION LOT SAMPLES **AT TIME OF CONTRACT COMPLETION					DCMC/ACO/QAR	*	1/0
					NADEPCHRPT	* *	1/0
					15. TOTAL		2/0
1. DATA ITEM NO. 0003	2. TITLE OF DATA ITEM REQUEST FOR DEVIATION			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-806640C			5. CONTRACT REFERENCE		6. REQUIRING OFFICE DISC RICHMOND		
7. DD250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQUIRED	12. DATE OF FIRST SUBMISSION SEE BLOCK 16*		14. DISTRIBUTION		
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE	b. COPIES Draft Final Reg Repro	
16. REMARKS DI-CMAN-80640C SUPERSEDES DICMAN-80641C AND SHALL BE USED FOR BOTH WAIVERS AND DEVIATIONS					DCMC/ACO		1/0
					DCMC/QAR	*	1/0
					PCO	**	1/0
					15. TOTAL		3/0
G. PREPARED BY NAVICP-P		H. DATE April 21, 2004		I. APPROVED BY NAVICP-P		J. DATE April 21, 2004	
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